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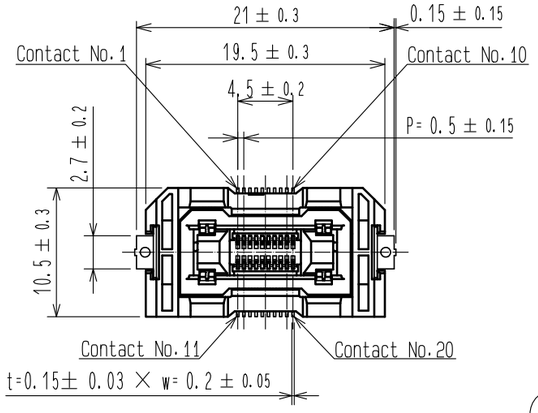
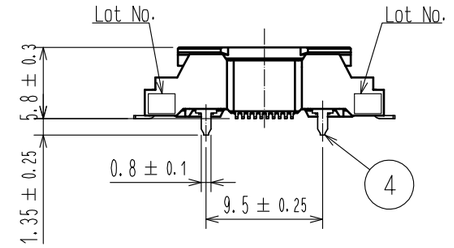
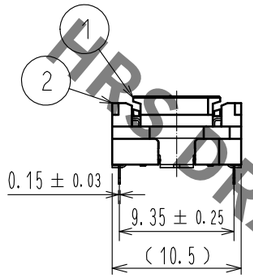
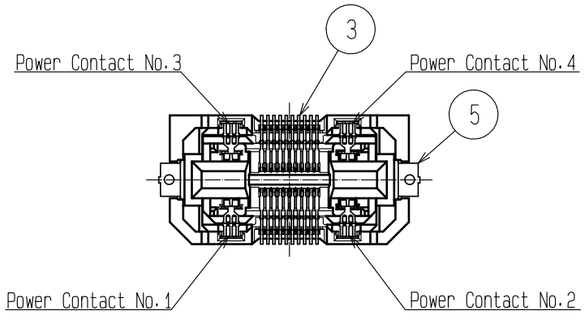
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

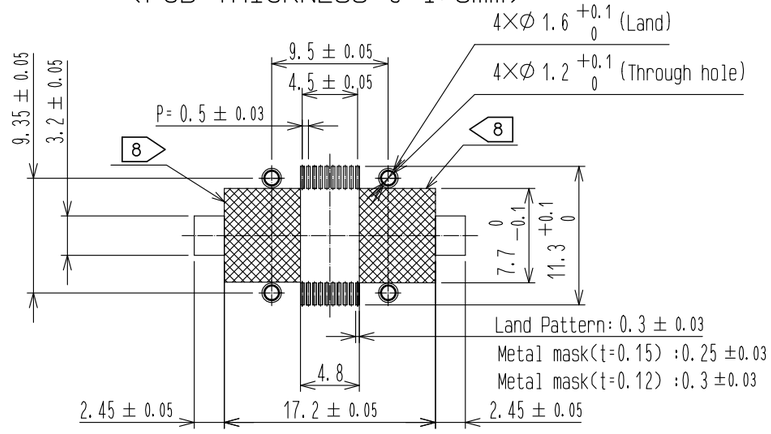




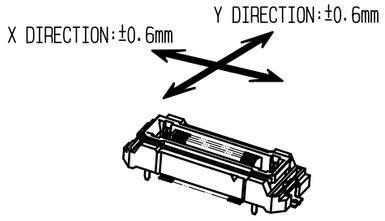




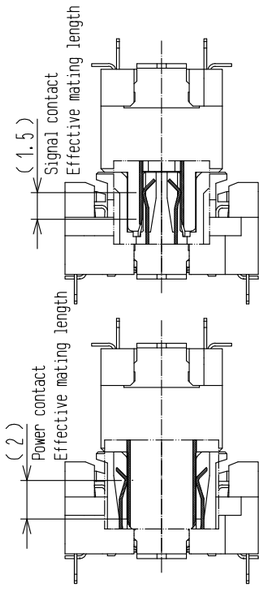
RECOMMENDED LAND PATTERN DIMENSION OF PCB
(PCB THICKNESS: t=1.6mm)



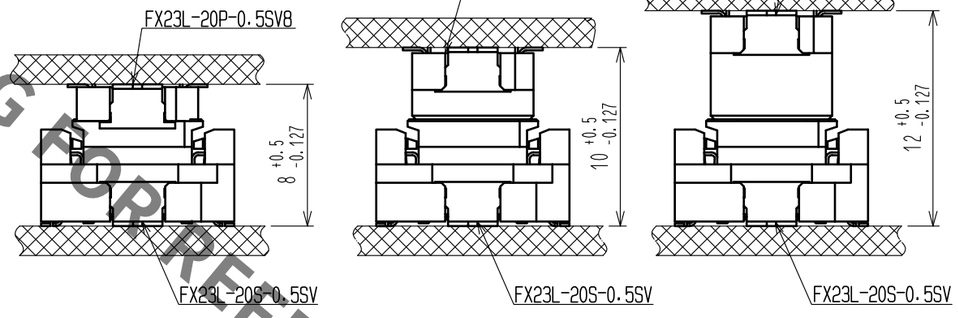
3 FLOATING RANGE



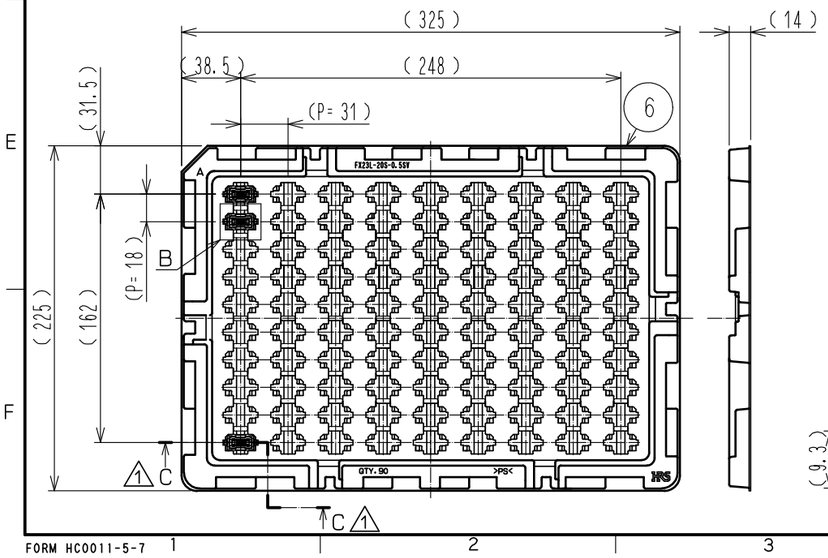
3 CROSS SECTION OF MATING
(No scale)

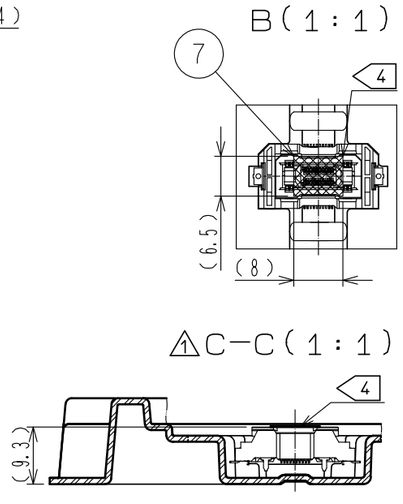


7 PCB DISTANCE(No scale)



2 DRAWING FOR PACKING (No scale)





Note
1 Lead CO-Planarity is 0.1mm MAX.
2 This is packaged in tray. (90pcs/tray)
3 Floating range of this connector is ±0.6mm MAX.
1 The maximum cycle time of the floating operation is in accordance with the mating cycle of the connector.
4 It shows the vacuum pickup area. Remove the mylar tape before mating connectors.
5 Blemish and hit mark can be occured through out the manufacturing process which doesn't affect quality level.
6 The dimensions in parentheses are for references.
7 Please use the connectors within the specified PCB distance.
8 ▩ area of inner SMT land requires pattern prohibition or resist treatment to prevent the pattern.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
3	COPPER ALLOY	CONTACT AREA:GOLD 0.1μm LEAD AREA:GOLD 0.03μm UNDER PLATING:NICKEL 1.3μm	7	POLYIMIDE 2	(TAPE FOR VACUUM PICKUP)
			6	POLYSTYRENE	(TRAY)
			5	BRASS	TIN-PLATING 1μm
2	POLYAMIDE	BLACK UL94V-0	4	COPPER ALLOY	CONTACT AREA:GOLD 0.1μm LEAD AREA:TIN-PLATING 1μm UNDER PLATING:NICKEL 1.3μm
1	POLYAMIDE	BLACK UL94V-0			

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	3	1	DIS-F-00004372	TS. OONO	HT. YAMAGUCHI	20190307

HIROSE ELECTRIC CO., LTD.

APPROVED	HS. OKAWA	20150224	DRAWING NO. EDC-358064-00-00
CHECKED	KN. SHIBUYA	20150224	PART NO. FX23L-20S-0.5SV
DESIGNED	AH. EDASHIGE	20150224	CODE NO. CL573-2301-9-00
DRAWN	AH. EDASHIGE	20150224	3 1/1

HRS DRAWING FOR REFERENCE